

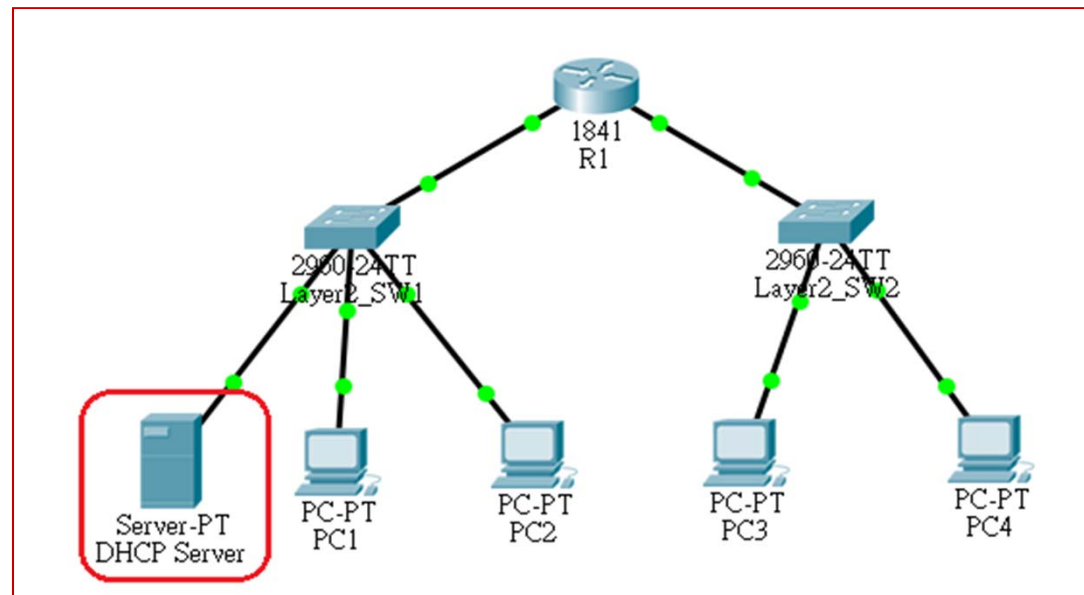
# 6-6-1 DHCP 建置 – DHCP Server



## ✦ 網路環境規劃與建置

網路區段	Gateway/DNS	名稱	IP 位址	連結介面
192.168.0.0/ 255.255.255.0	192.168.0.254/ 168.95.1.1	PC1	動態 DHCP	SW1(fa0/1)
		PC2	動態 DHCP	SW1(fa0/2)
		Server	192.168.0.253	SW1(fa0/23)
192.168.1.0/ 255.255.255.0	192.168.1.254/ 168.95.1.1	PC3	動態 DHCP	SW2(fa0/1)
		PC4	動態 DHCP	SW2(fa0/2)

## ✦ 網路架構



# 6-6-2 路由器 與 DHCP Server 設定(-)



## ✦ DHCP Server 設定

- ◆ 網路區段
- ◆ 保留位址
- ◆ Default-router
- ◆ DNS-Server

Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP Server	WLC Address
teachers	192.168.1.254	168.95.1.1	192.168.1.1	255.255.255.0	249	0.0.0.0	0.0.0.0
students	192.168.0.254	168.95.1.1	192.168.0.1	255.255.255.0	249	0.0.0.0	0.0.0.0
serverPool	0.0.0.0	0.0.0.0	192.168.0.0	255.255.255.0	255	0.0.0.0	0.0.0.0



## 6-6-2 路由器 與 DHCP Server 設定(二)



### ✦ 路由器設定

#### ◆ 介面卡設定

### ✦ 主機測試

#### ◆ ipconfig /release

#### ◆ ipconfig /renew

```
R1#show ip int brief
```

```
Interface IP-Address OK? Method Status Protocol
```

```
FastEthernet0/0 192.168.0.254 YES manual up up
```

```
FastEthernet0/1 192.168.1.254 YES manual up up
```

```
Vlan1 unassigned YES unset administratively down down
```

```
R1#config ter
```

```
R1(config)#int fa0/0
```

```
R1(config-if)#ip helper-address 192.168.0.253 [指定外部 DHCP 伺服器]
```

```
R1(config-if)#no shutdown
```

```
R1(config-if)#int fa0/1
```

```
R1(config-if)#ip helper-address 192.168.0.253 [指定外部 DHCP 伺服器]
```

```
R1(config-if)#no shutdown
```

```
R1(config-if)#end
```

